

## ABSTRACT OF THE DISCLOSURE

A magnetic recording medium comprising a glass substrate having grooves on the surface thereof, an orientation-determining layer, a non-magnetic undercoat layer, a magnetic layer, and a protective film, the layers and film being successively formed on the substrate. The orientation-determining layer contains at least one element selected from the group consisting of Co, Ni, and Fe and at least one element selected from the group consisting of W, Mo, Ta, and Nb.